

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Geza Ziegler on 2/21/08.

3. Claims 1 and 11 have been amended as follows:

1. (Currently Amended) Method for scaling the radio interface for GPRS traffic and mixed GPRS and ~~±~~ voice GSM traffic, using a test platform comprising at least one cell model of a mobile radiotelephone network and a traffic simulation system memorizing at least one quality of service indicator, at least one cell configuration and traffic volumes for voice GSM and GPRS data transfers, this method comprising ~~being characterized in that:~~

measurements representative of GPRS quality of service are performed on test platform, these measurements being made for different volumes of GPRS traffic in said cell model and in relation to the number of time slots available for GPRS traffic;

said traffic simulation system stores in memory data representative of measurements made on test platform, this data forming quality parameters;

for at least one cell configuration and for determined volumes of GSM traffic and GPRS data transfers, a plurality of sessions is generated by said traffic simulation system, forming arrivals of GSM calls and GPRS data transfers, and said simulation system, taking said quality parameters into account, calculates a level of GPRS performance achieved for said cell configuration;

by dichotomy, said configuration of cell model is modified by addition/removal of at least one new time slot available for GPRS traffic or of a transceiver, in order to determine the minimum configuration enabling said level of performance to attain a determined threshold.

11. (Currently Amended) Simulation system for use of the method according to claims 1, intended to scale the radio interface for GPRS traffic and mixed GPRS and ~~+~~ voice GSM traffic, having memory means to store memorized data representative of measurement results of GPRS transfer quality made on a test platform or similar for a variable number of time slots available for GPRS, memory means to store at least one quality of service indicator, memory means to store at least two cell configurations and memory means to store GSM traffic and GPRS transfer volumes, characterized in that the simulation system uses this data, via session generation means and cell configuration selection means, to simulate arrivals of GSM calls and GPRS data

transfers, to calculate with calculation means a level of GPRS performance obtained for a selected cell configuration.

Allowable Subject Matter

4. Claims 1-13 allowed.
5. The following is a statement of reasons for the indication of allowable subject matter:

Liebesny et al. (US Patent 5,131,020) teaches a method, system and protocol for providing updated traffic information from a central station to telephonically linked callers, involving enabling the caller to enter on the caller's keyboard a code for the particular zone for which a traffic information report is desired, and to receive a transmission of such report from the central station; and then, by further caller keyboard entries, requesting reports on additional specified zones all on the same call and further requesting from the station automatic updating reports in the specified zones in the event of significant changes in traffic information during a predetermined time after the initial report.

Fagen et al. (US Patent 6,636,730) teaches a computing system provides a network designer with a mechanism for modeling migration, or a shift, of call traffic from a first server operating using a first technology type to a second server operating using a second technology type. The system executes a traffic map generation process for generating a first traffic map responsive to a radio coverage area and a call traffic load for the first server, and for generating a second traffic map responsive to a radio

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coverage area and call traffic load for the second server. The system executes a call traffic migration modeling process to adapt the second traffic map to include a proportion of the first call traffic load to be shifted from the first server to the second server.

However, the prior art of record fails to teach, or render obvious, alone or in combination, a method for scaling the radio interface for GPRS traffic and mixed GPRS and voice GSM traffic using a test platform comprising: at least one call model of a mobile radiotelephone network and a traffic simulation system memorizing at least one quality of service indicator, at least one cell configuration and traffic volumes for voice GSM and GPRS data transfers comprising the claimed means and their components, relationships, and functionalities as specifically recited in claim 1.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quynh H. Nguyen whose telephone number is 571-272-7489. The examiner can normally be reached on Monday - Thursday from 6:30 A.M. to 5:00 P.M. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on 571-272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Quynh H Nguyen/

Primary Examiner, Art Unit 2614